



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Tuesday, September 25, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- River flooding will continue in **TX** and **SE OK**.
- No other significant weather is expected.

Wednesday - Thursday

- Isolated heavy rain possible, mostly in **S TX**.
- River flooding will continue in **TX** and **SE OK**.

Friday - Saturday

- Isolated heavy rain threat across **S-Central TX** and **LA**.

Tropical Outlook

- The remnants of Kirk continue to move west at a speed of 25 mph. Its remnants have a **60% chance** to redevelop as it moves westward toward the **Caribbean**, where conditions are highly unfavorable for further development. There are no impacts expected to **Region VI**.
- Subtropical Storm Leslie is in the **North Atlantic** and will have no impact to **Region VI**.
- A broad area of low pressure located about 260 miles south of **Cape Hatteras, North Carolina**, continues to produce showers and thunderstorms on its north side. Satellite and surface data indicate that the circulation of the low is elongated and not well organized. However, this system could still become a tropical depression later today while it moves northwestward.

FEMA Region 6 Threat Matrix

Sept 25, 2018 – Sept 29, 2018



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms					
Heavy Rain / Flash Flooding		STX	STX	Central/STX into LA	Central/STX into LA
Fire Weather					
Tropical Weather					
River Flooding	SE OK, N & STX	SE OK, N & STX	SE OK, N & STX		

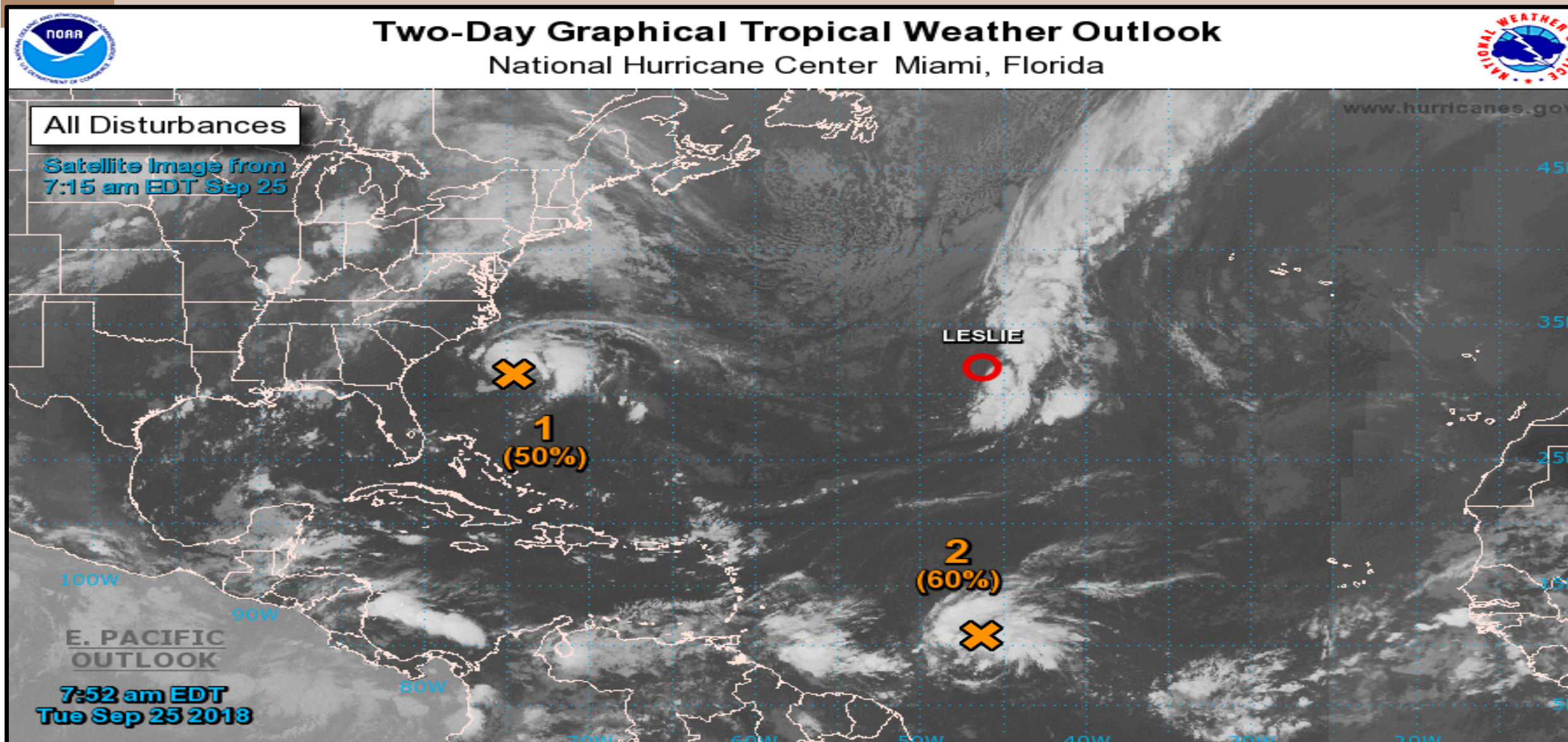
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



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Current Disturbances and Two-Day Cyclone Formation Chance: < 40% 40-60% > 60%
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants

A broad area of low pressure located about 260 miles south of Cape Hatteras, North Carolina, continues to produce showers and thunderstorms on its north side. Satellite and surface data indicate that the circulation of the low is elongated and not well organized. However, this system could still become a tropical depression later today while it moves northwestward. By tonight and Wednesday, additional development appears unlikely, due to strong upper-level winds, while the system moves northward and north-northeastward near the southeastern United States coast. Regardless of tropical cyclone formation, this system is likely to bring scattered showers and thunderstorms across portions of northeastern South Carolina and eastern North Carolina later today and tonight.

No significant impacts to FEMA IV are expected at this time!

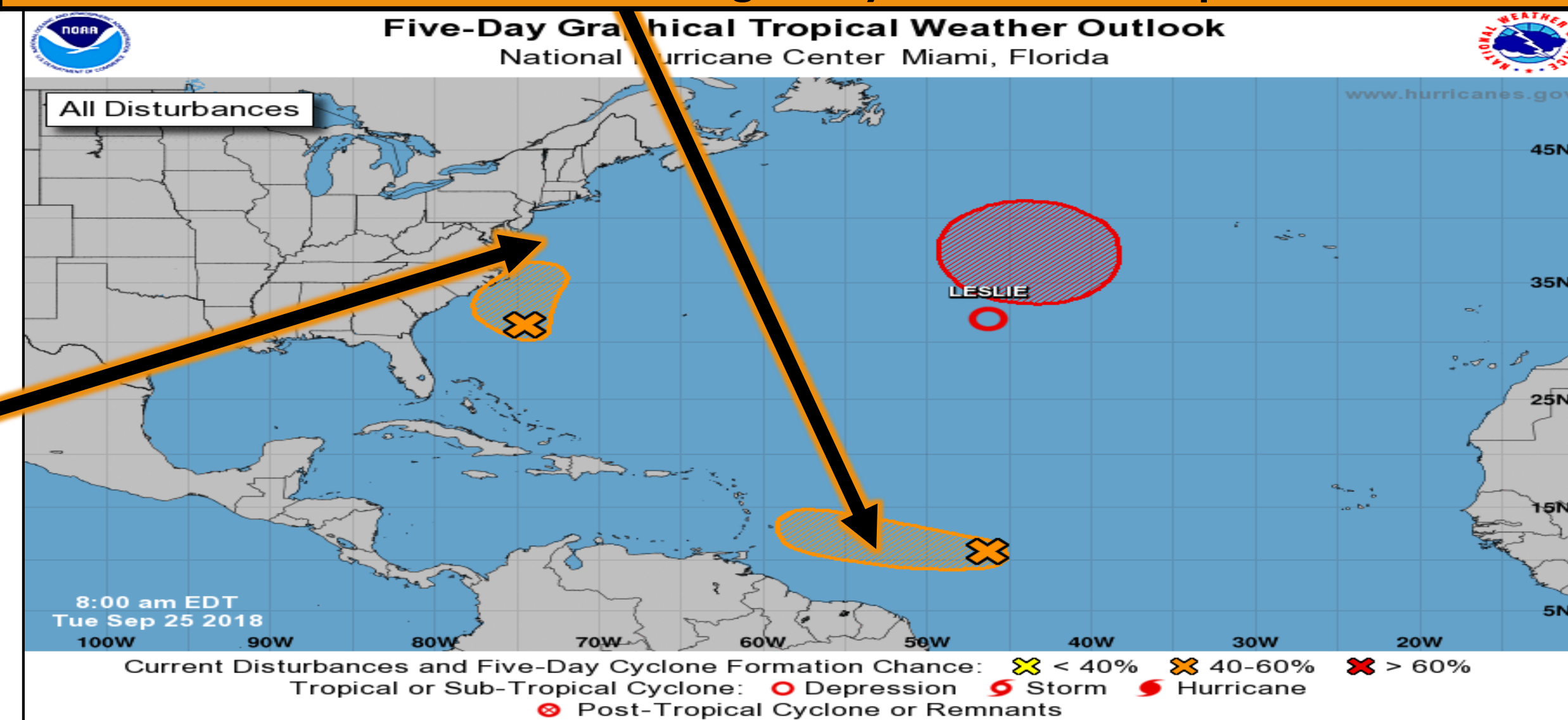
- Formation chance through 48 hours...medium...50 percent.
- Formation chance through 5 days...medium...50 percent.

See next slide for information on Subtropical Depression Leslie.

The remnants of Kirk are located about 950 miles east of the Windward Islands and are moving quickly westward at around 25 mph.

This system continues to produce a large area of showers and thunderstorms, along with winds to near gale force in gusts on its north side. However, satellite data indicate that the system still lacks a closed circulation. This disturbance could redevelop into a tropical cyclone during the next day or two before it moves into an area of highly unfavorable upper-level winds while it approaches the Caribbean Sea.

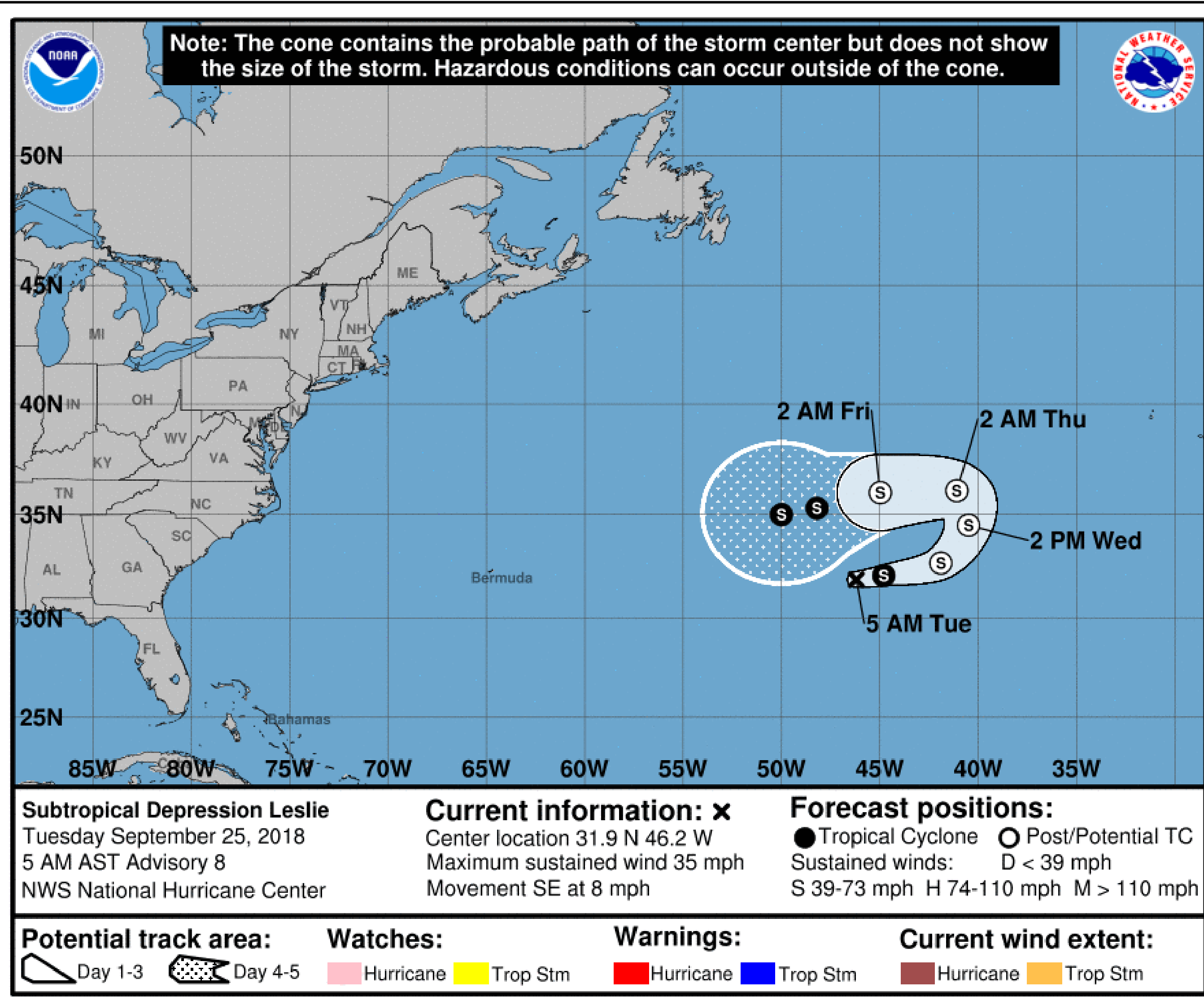
- Formation chance through 48 hours...medium...60 percent.
- Formation chance through 5 days...medium...60 percent.



Subtropical Depression Leslie



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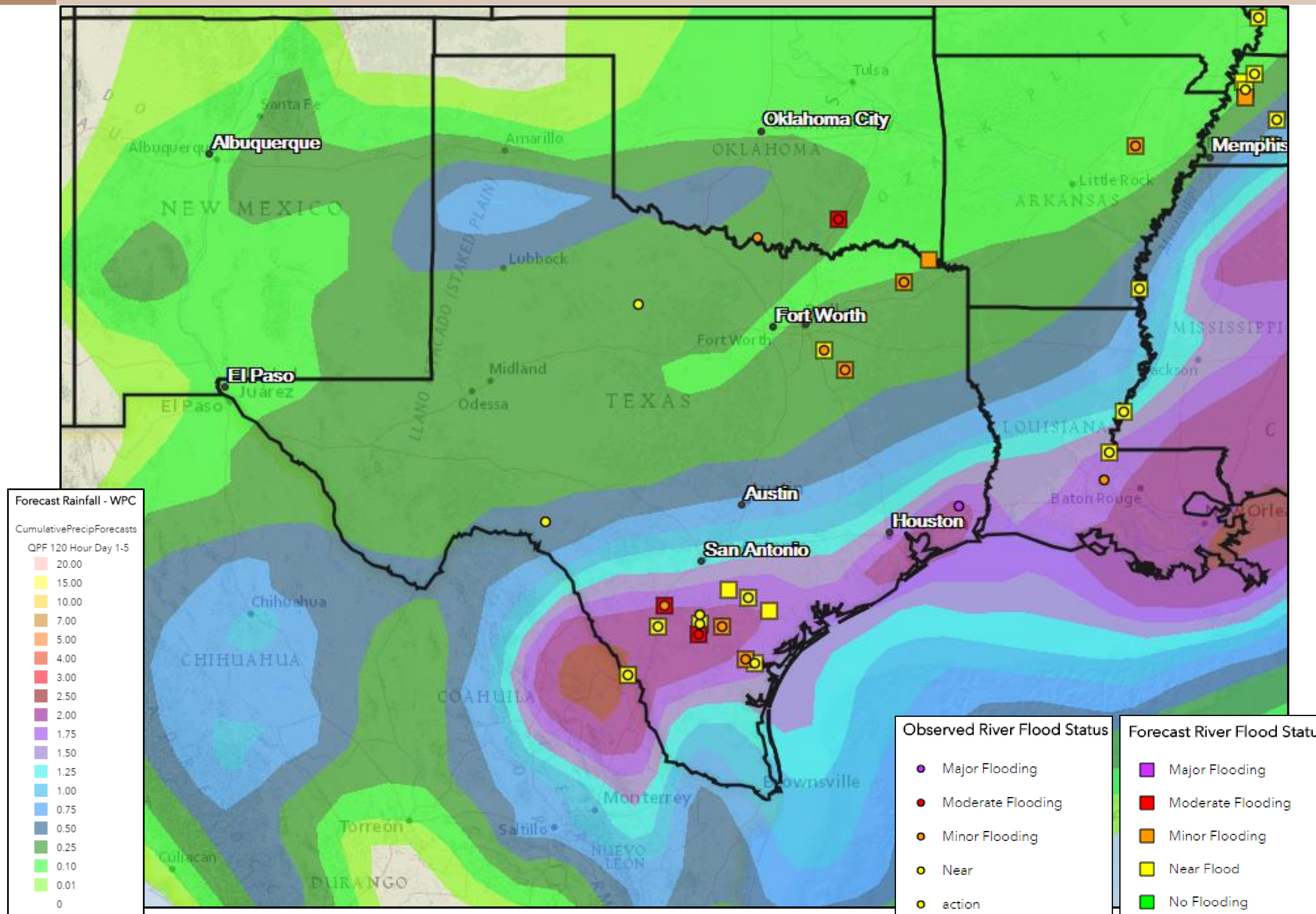
Subtropical Depression Leslie is forecast to meander in the central Atlantic and will have no impact to FEMA Region VI.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



The Clear Boggy Creek above Caney Creek near Caney in SE OK remains in Moderate Flood Stage, but has crested and should continue to fall to near Minor Flood Stage near mid week. Agricultural impacts are likely, along with rural roads impassable.

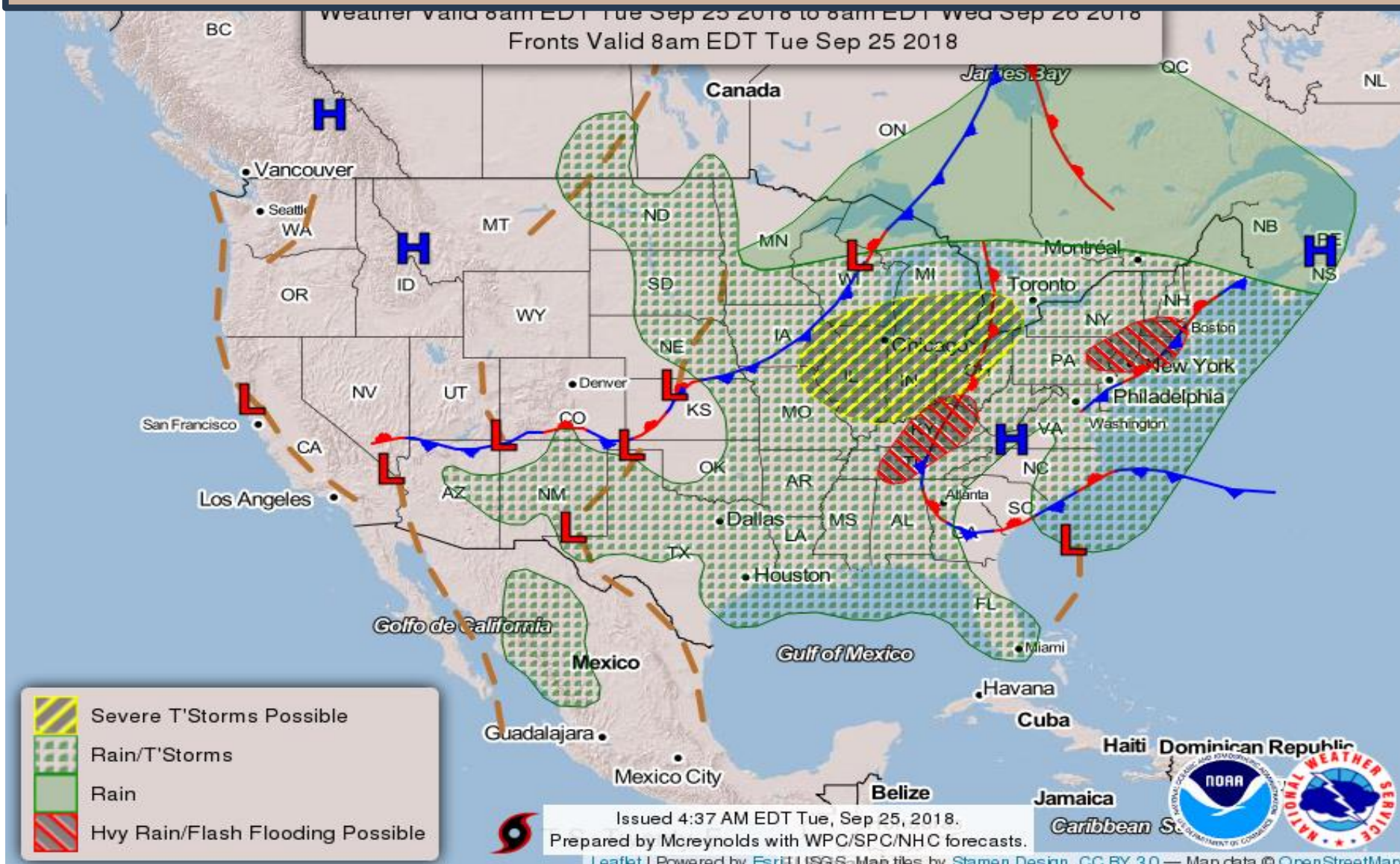
Ongoing flooding on the Nueces and high inflows into Lake Corpus. The Nueces River near Tilden remains in Moderate Flood Stage and is expected to lower to Minor Flood Stage late Wednesday into Thursday.

Today's Weather

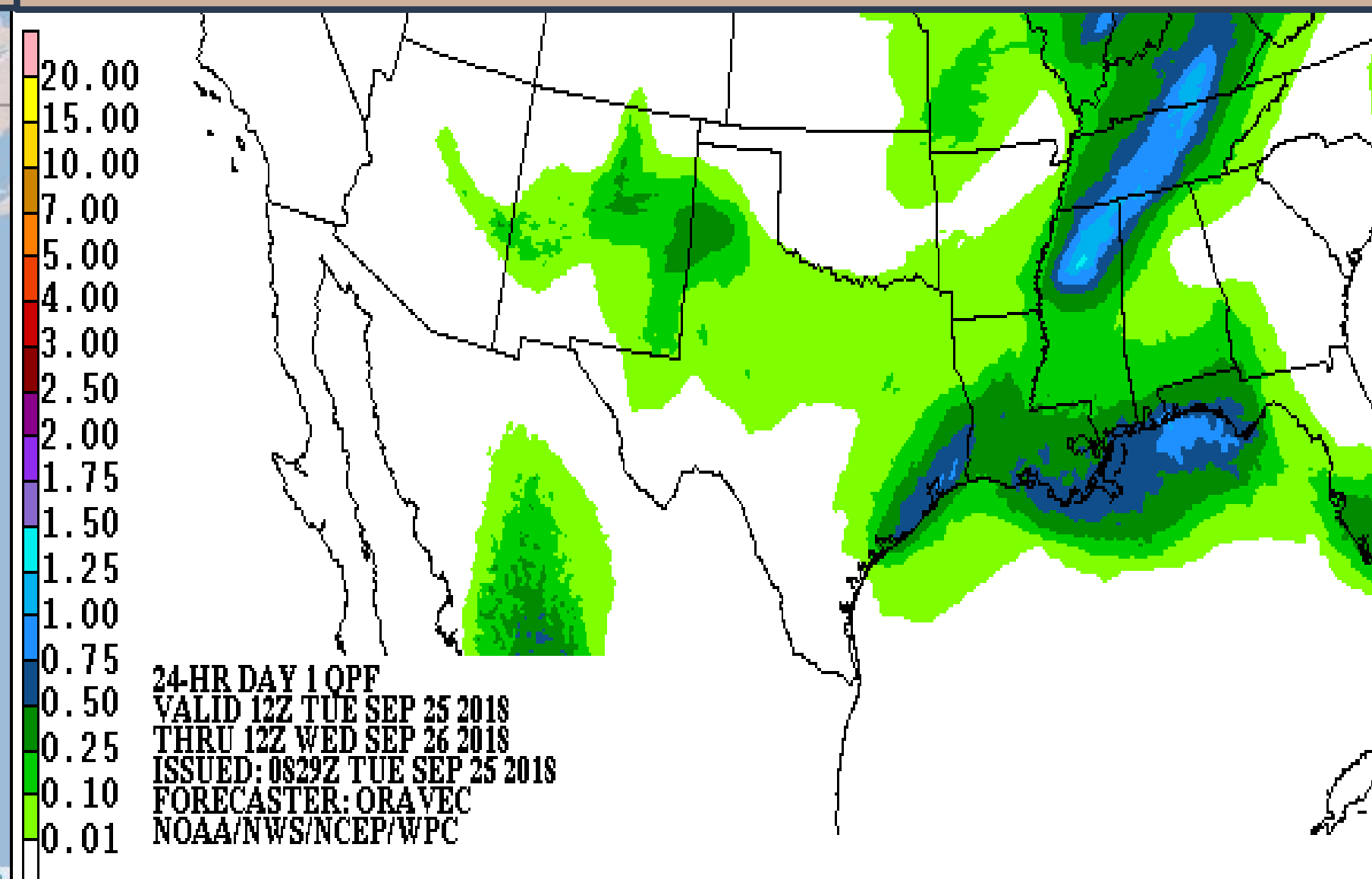


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Forecast Chart



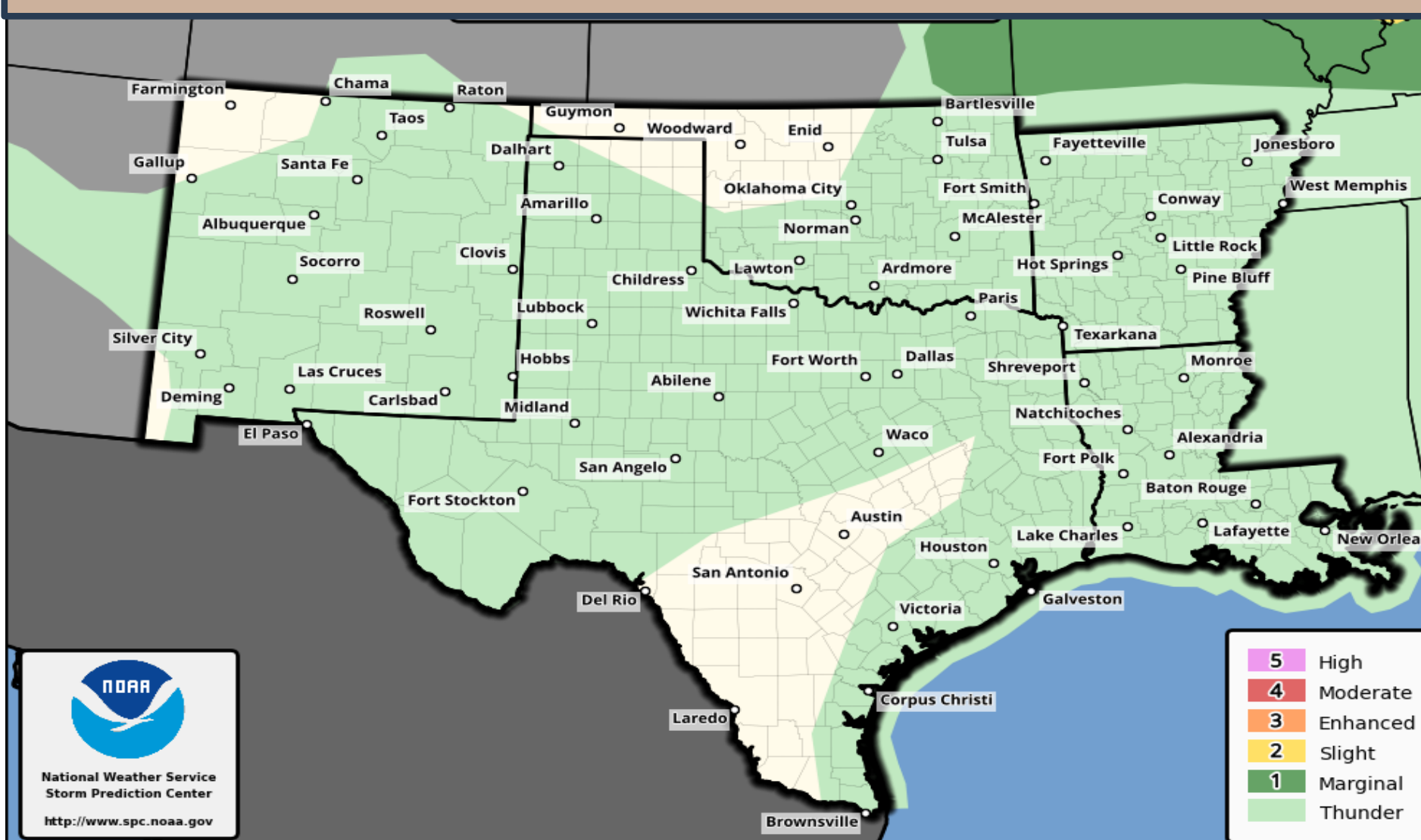
Forecast Rainfall



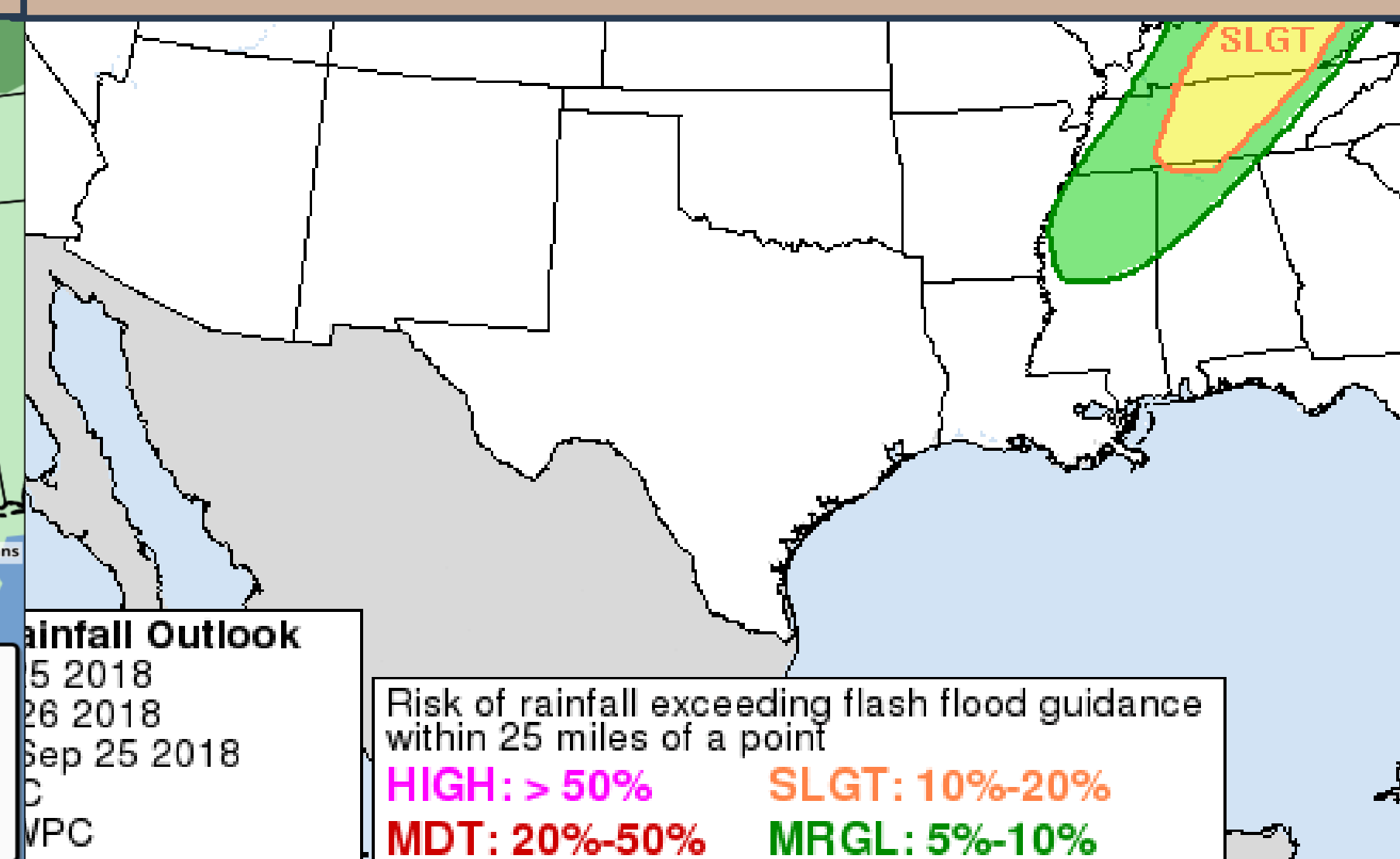
**River Flooding is ongoing
across portions of SE OK, N
& STX.**

**Otherwise, no significant
weather expected.**

Severe Weather Outlook



Excessive Rainfall Outlook

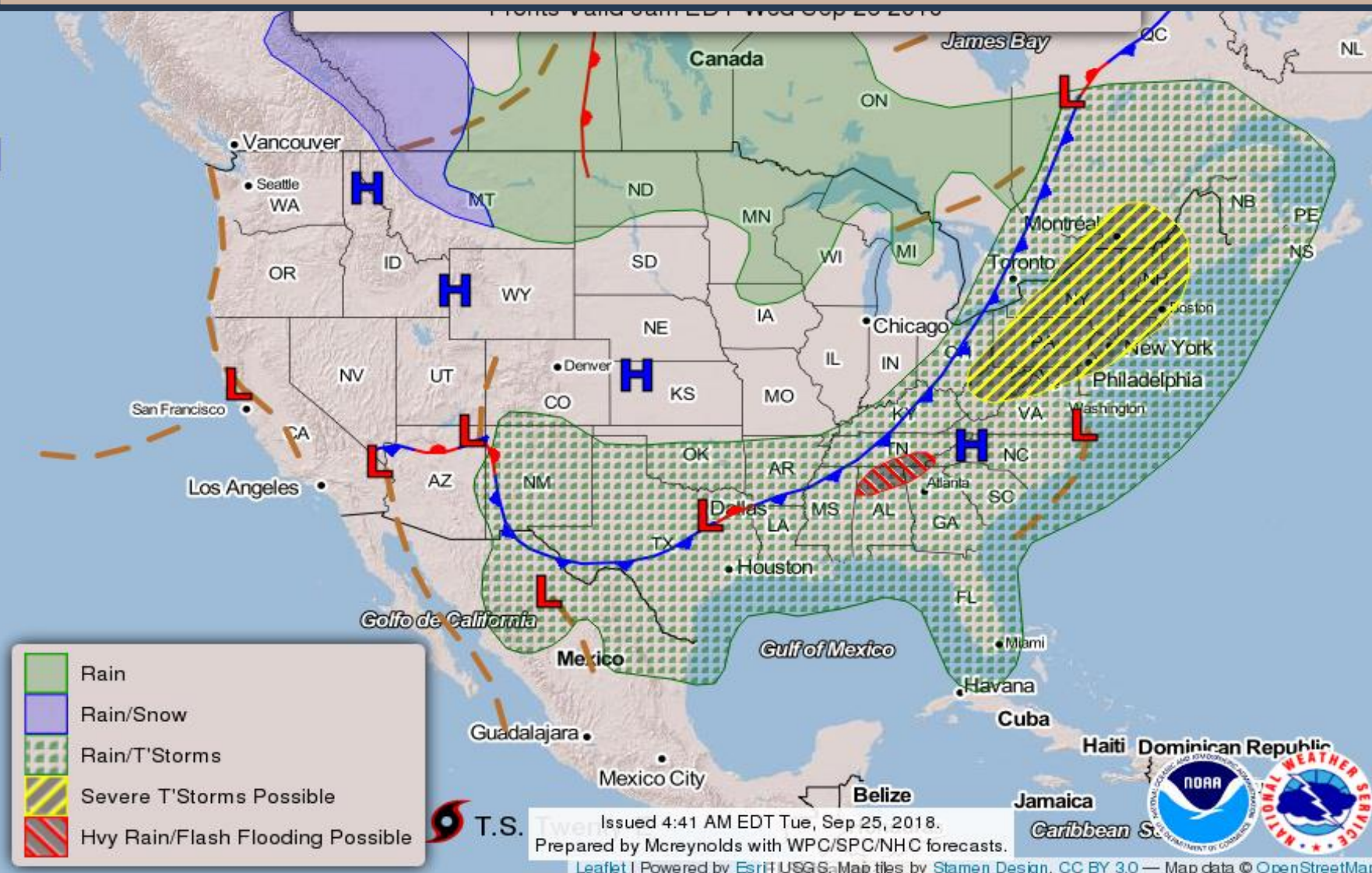


Tomorrow's Weather

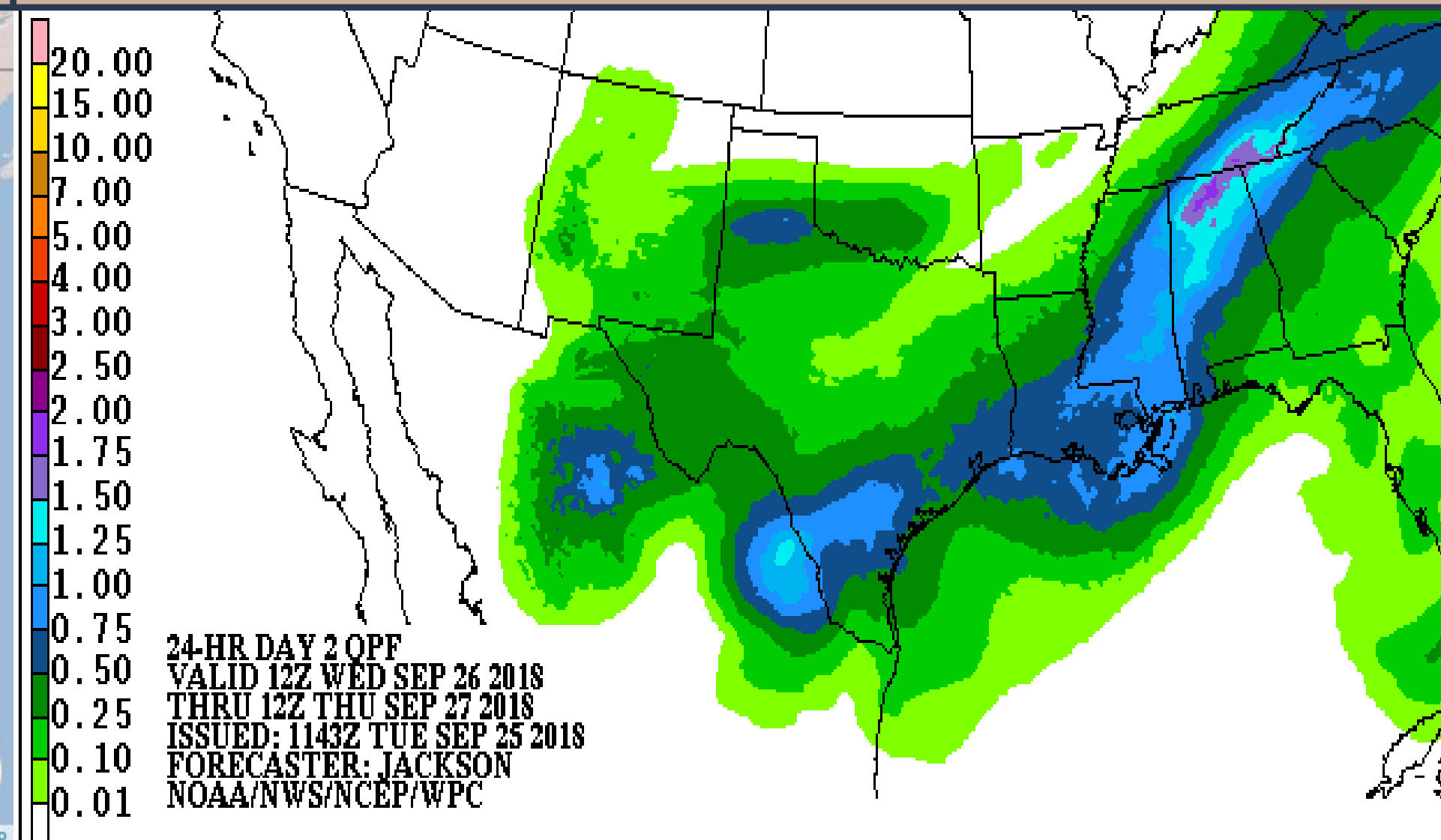


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Forecast Chart



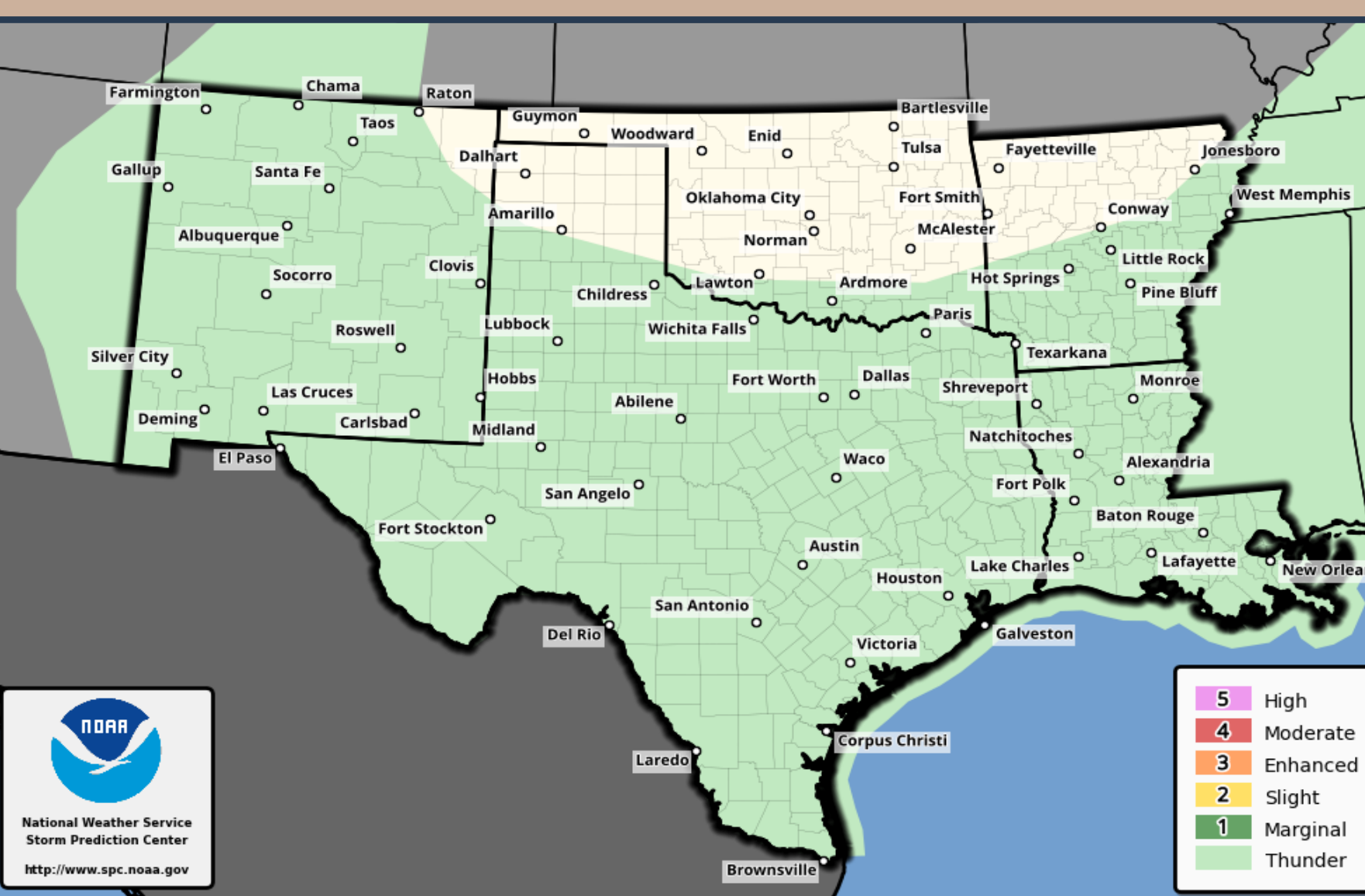
Forecast Rainfall



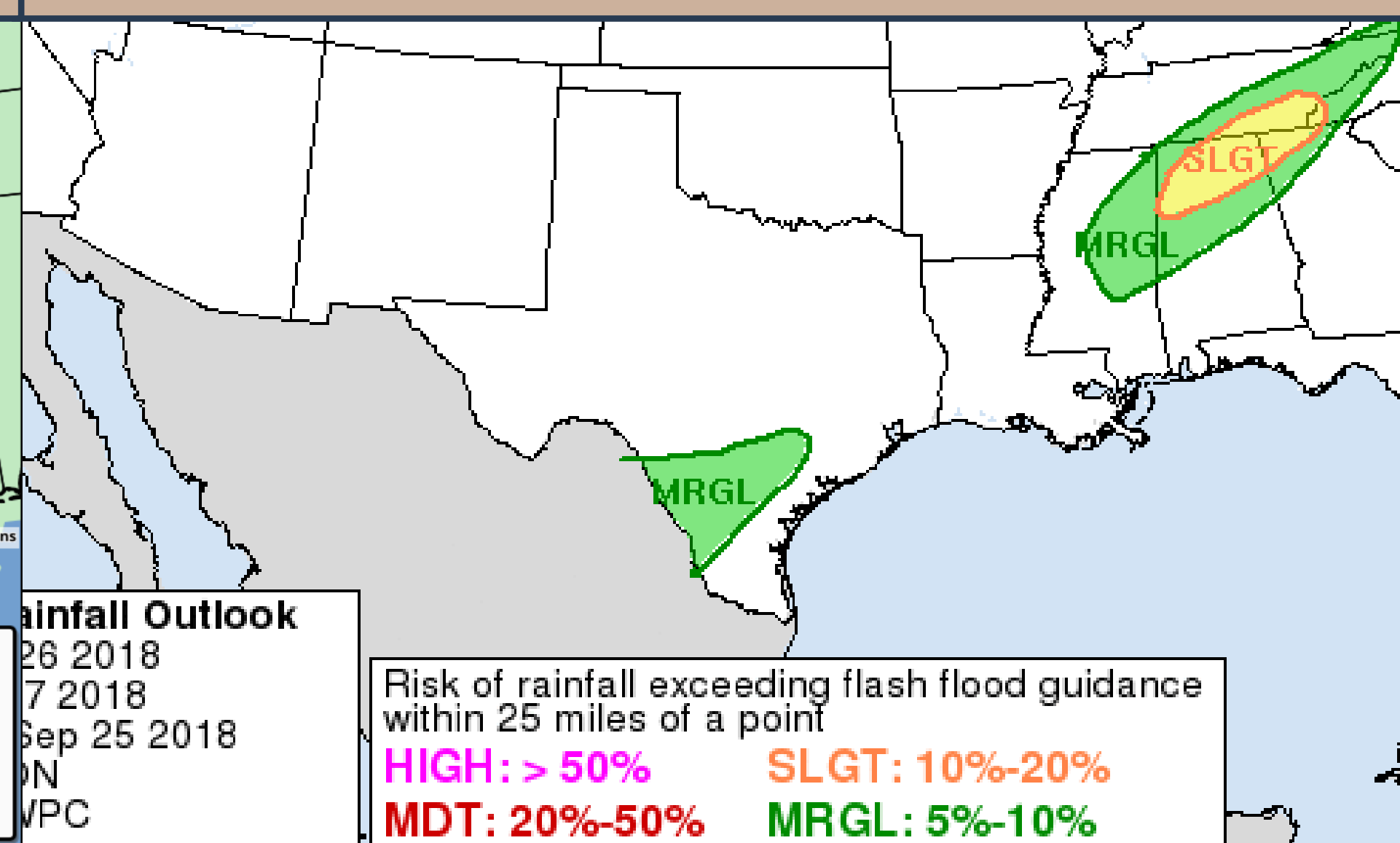
Isolated heavy rainfall could lead to the potential for flash flooding across S TX.

River Flooding is ongoing across portions of SE OK, N & S TX.

Severe Weather Outlook



Excessive Rainfall Outlook

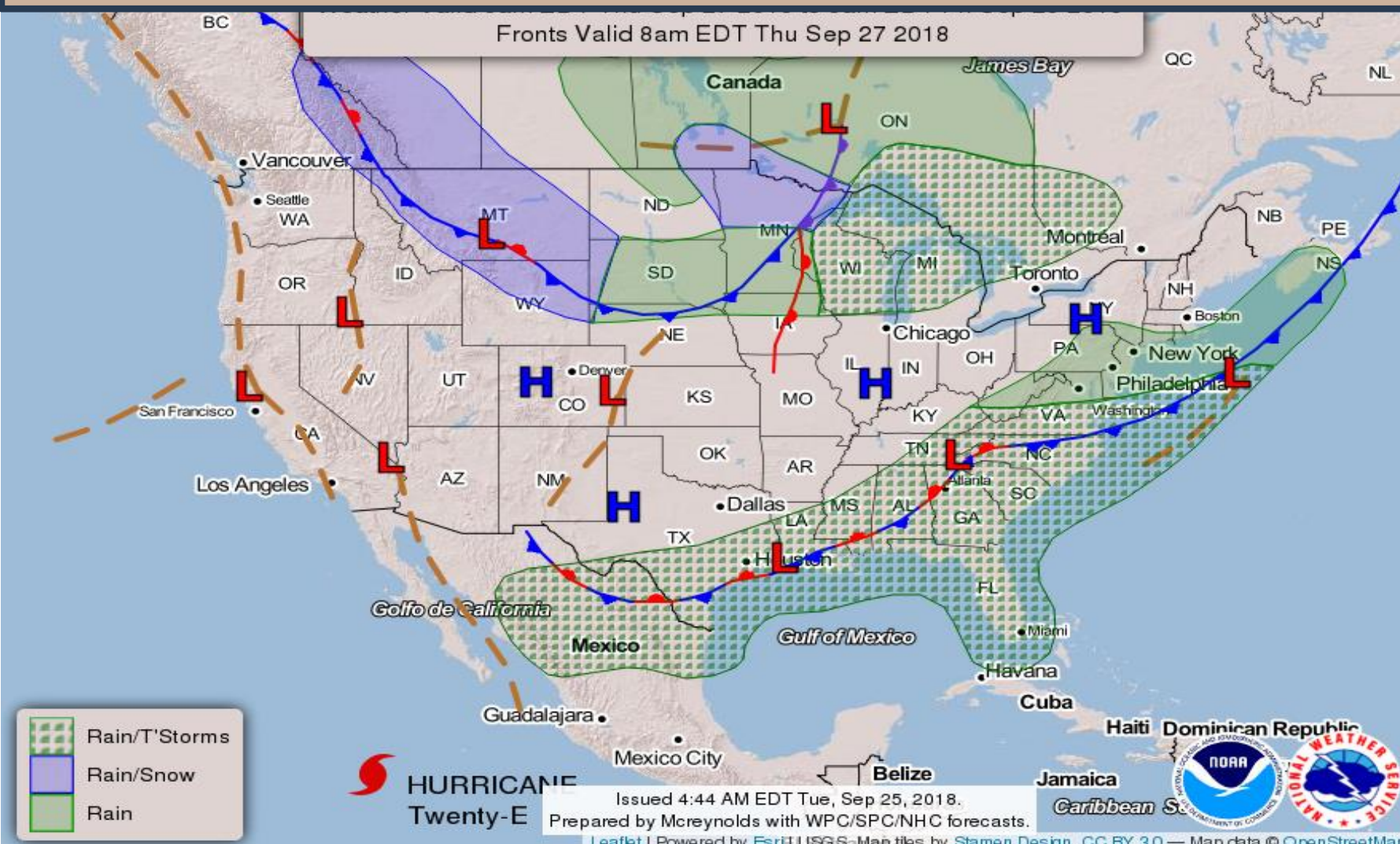


Thursday's Weather

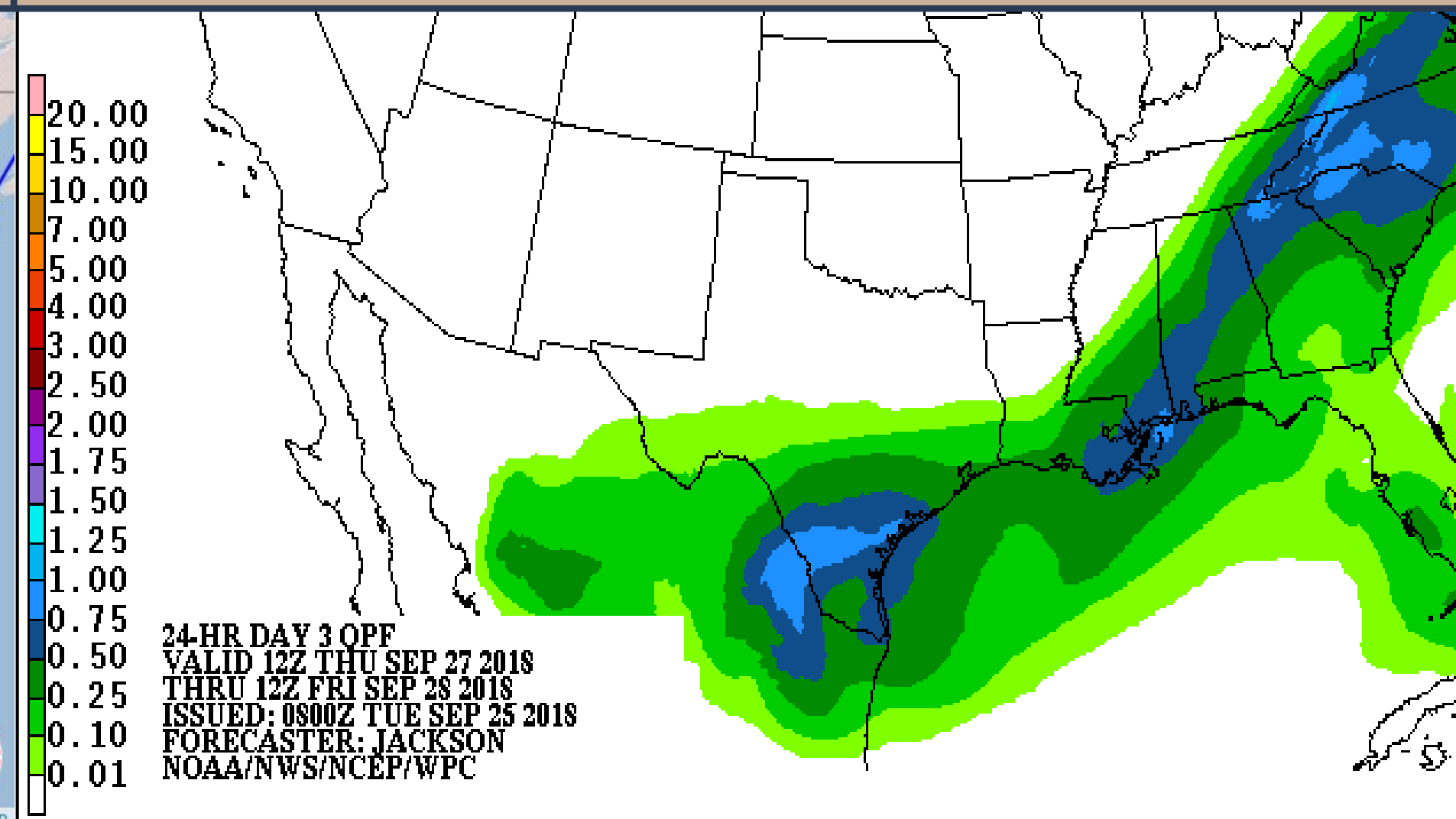


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Forecast Chart



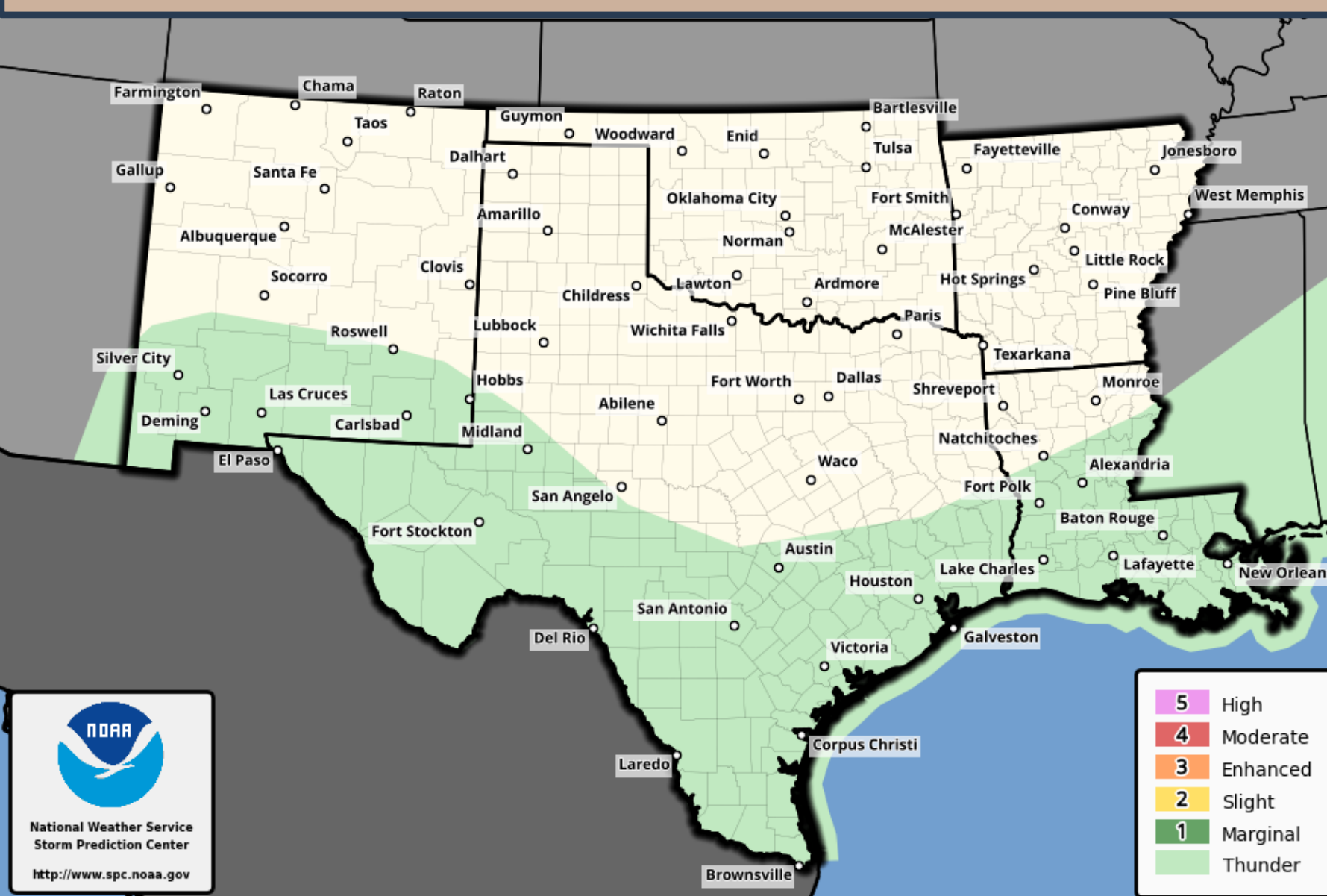
Forecast Rainfall



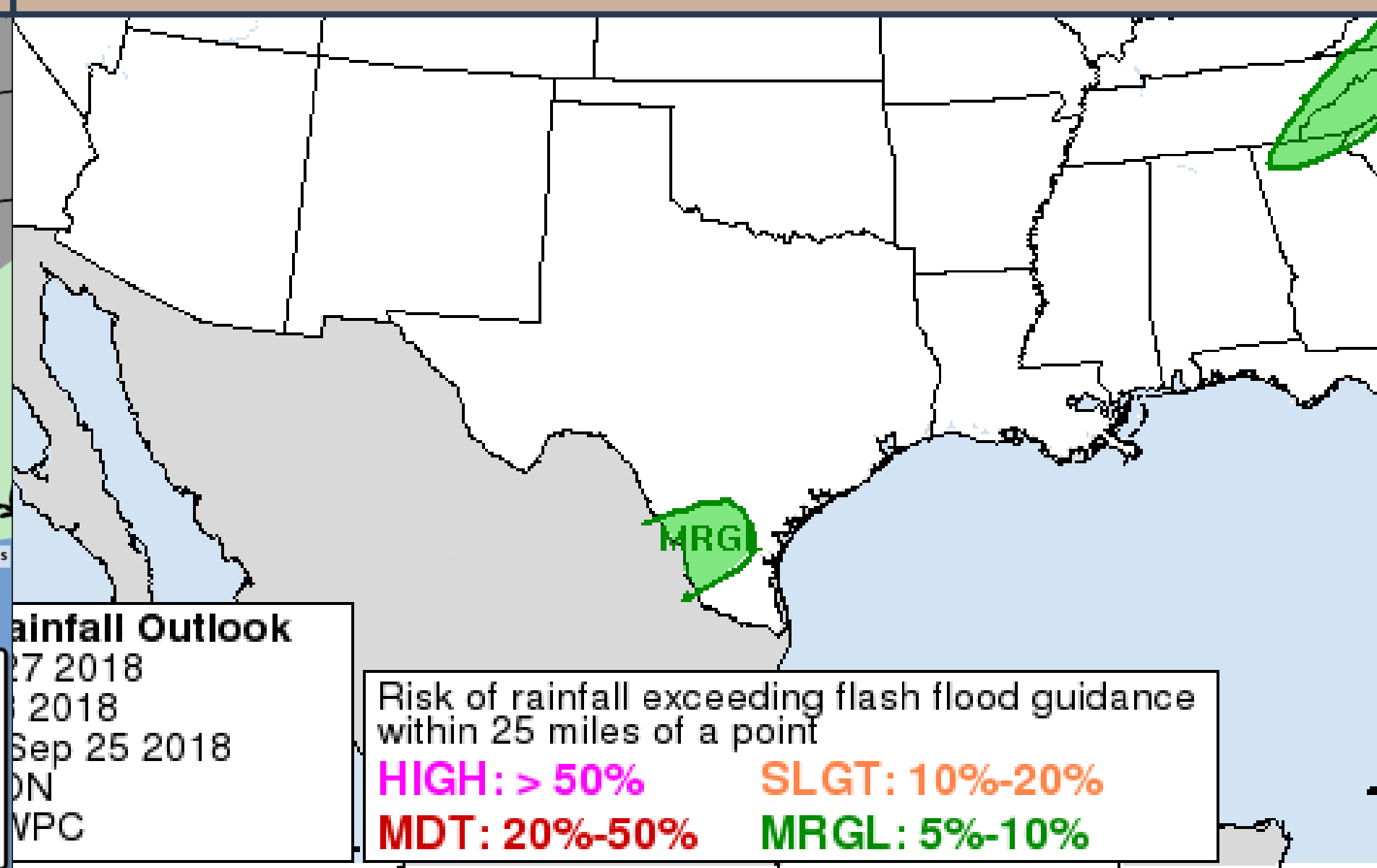
Isolated heavy rainfall could lead to the potential for flash flooding across S TX.

River Flooding is ongoing across portions of SE OK, N & S TX.

Severe Weather Outlook



Excessive Rainfall Outlook

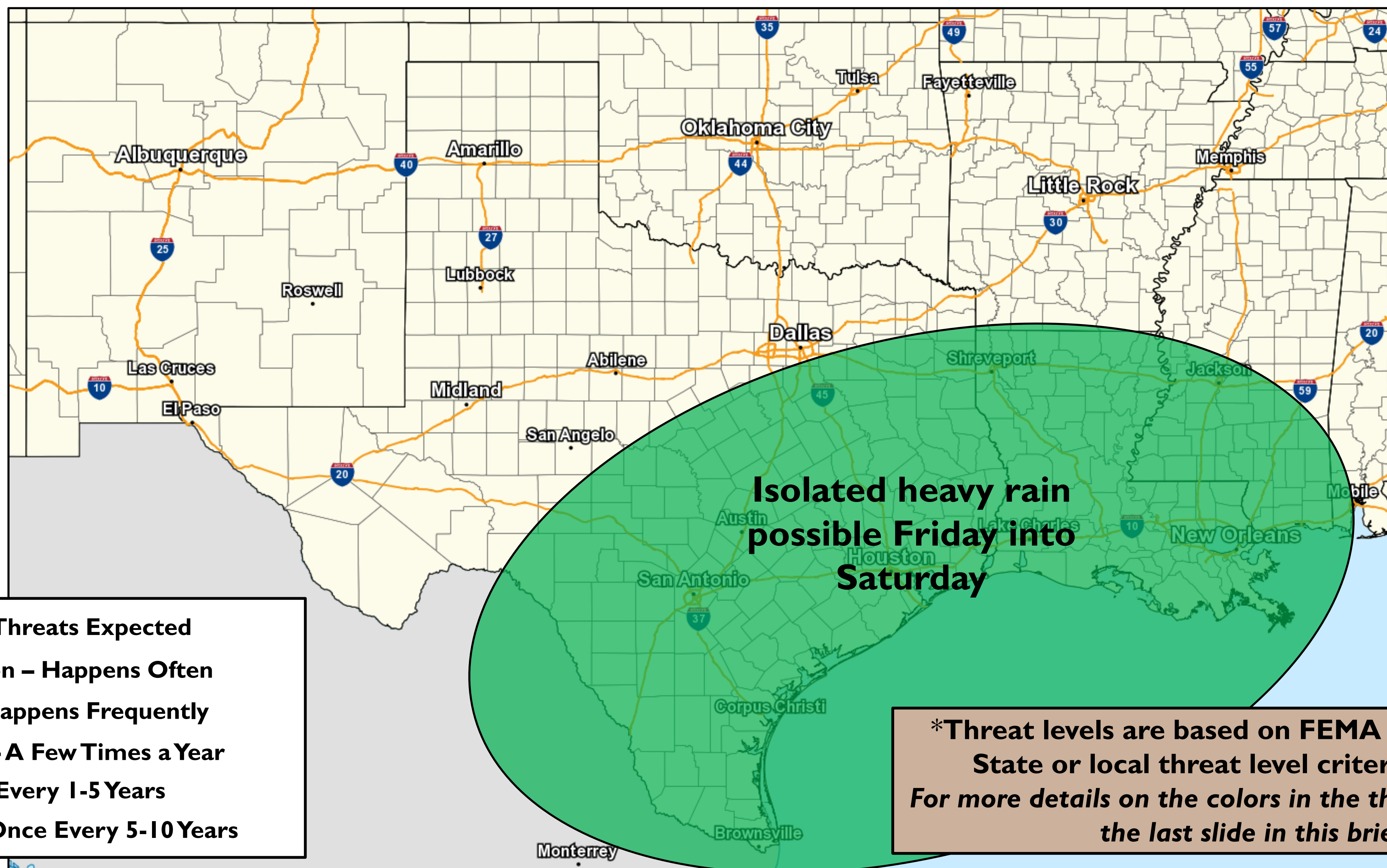


Days 4-5 Weather Hazards

Friday - Saturday



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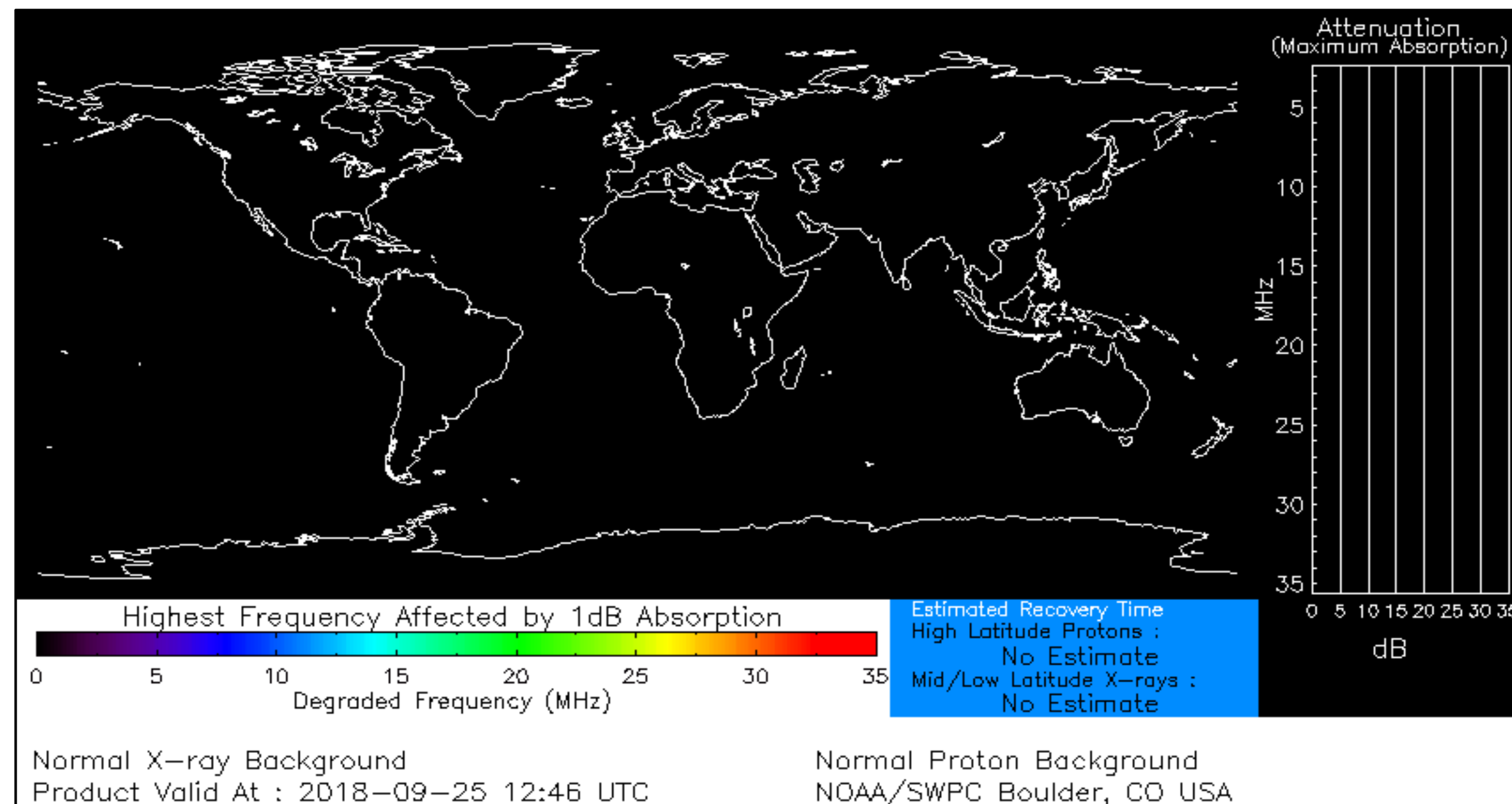


Space Weather 3-Day Forecast



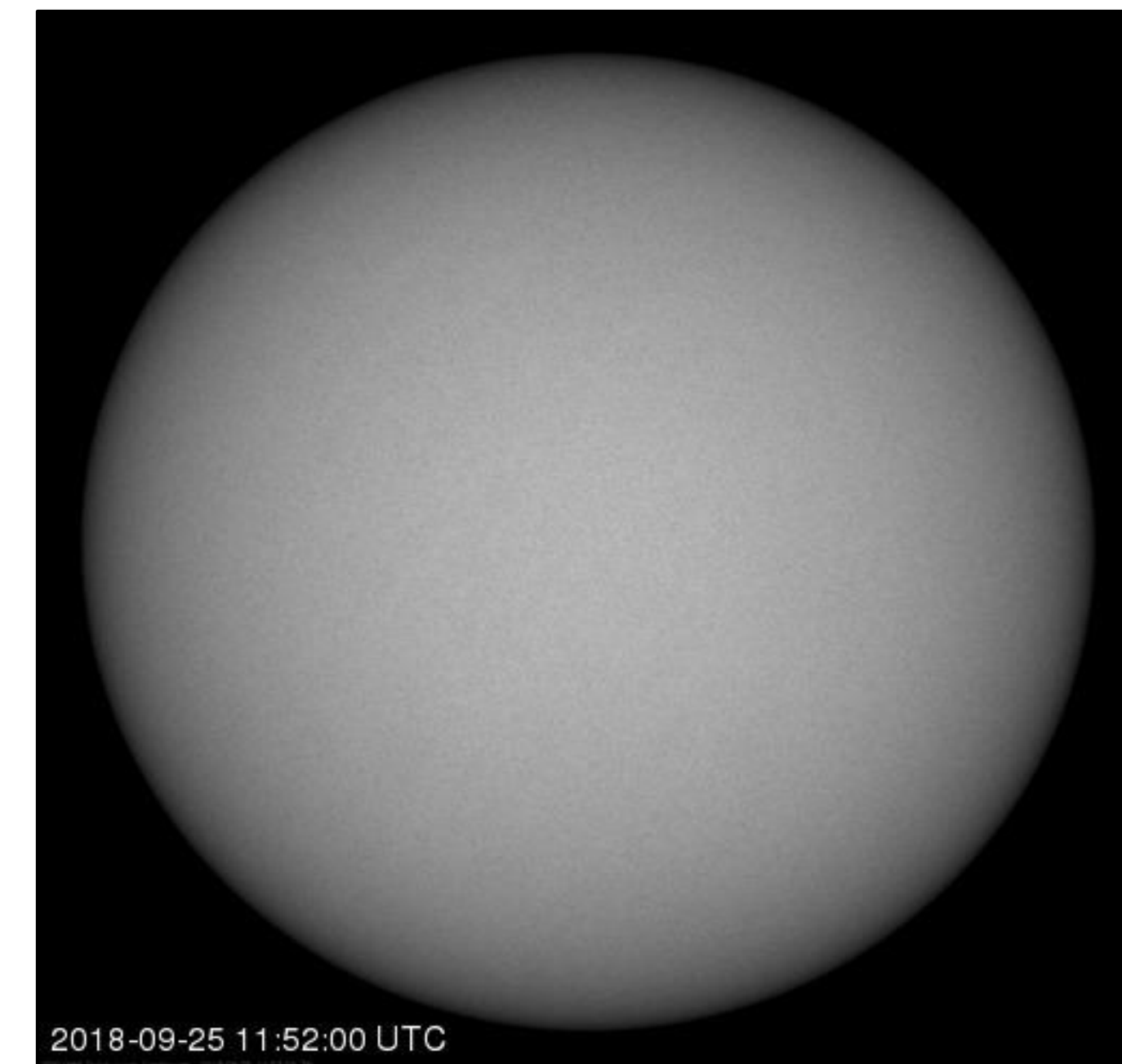
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov